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Title:

**NOZZLE FOR ATOMISING A LIQUID BY MEANS OF A GAS AND METHOD OF ATOMISING**

Abstract:

A nozzle for atomising a liquid by means of a gas comprises a mixing chamber (1), one or more liquid inlets (6c) and at least one tangential gas inlet (5) to the mixing chamber. An outlet (4) is positioned at the downstream end of the mixing chamber (1). A centre body (2) having a generally converging configuration, seen in the flow direction, is provided in the mixing chamber (1). The liquid inlet (6c) or inlets is/are positioned at or near the upstream end (3a) of the mixing chamber (1) and in the upstream direction with respect to the gas inlet (5) or inlets.